

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center



### Situation Awareness Brief



Sunday, April 2<sup>nd</sup> 2017  
As of 0900 CST

# Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
04/01/17	Final Report of a Union Pacific Train Derailment	Malakoff/Henderson County	Y
04/02/17	Silver Alert Activation for Beaumont Police Department	Beaumont/Jefferson County	N
04/02/17	Silver Alert Discontinuation for Beaumont Police Department	Beaumont/Jefferson County	Y
04/02/17	Initial Report of Flooding	Del Rio/Val Verde County	N

# Informational Products

## Distributed by the State Operations Center

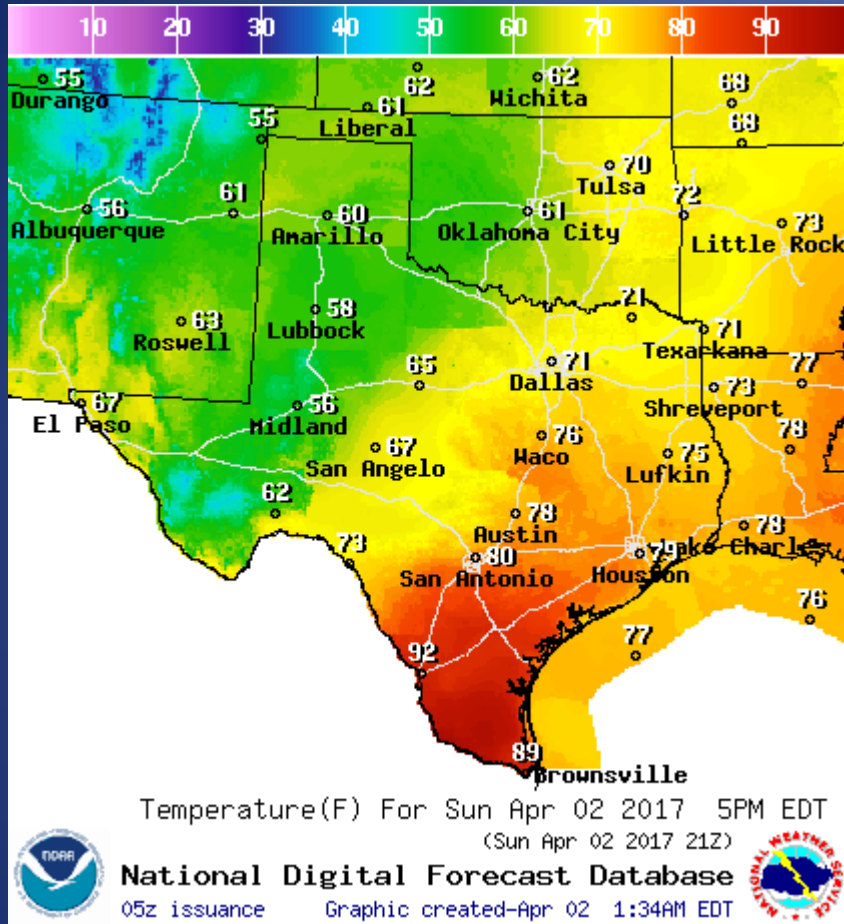
DATE	SUBJECT
04/01/17	NWS Austin/San Antonio- Severe Storms and Locally Heavy Rainfall Possible Saturday Afternoon through Sunday
04/01/17	NWS West Gulf River Forecast Center- Flooding Potential Update for Sunday into Next Week
04/01/17	NWS Fort Worth- NWS UPDATE: Storms Today & Tomorrow (Saturday & Sunday)
04/01/17	NWS Lake Charles- Weather Update: 3 pm Saturday
04/01/17	NWS Houston/Galveston- NWS Houston Saturday PM Forecast update - Sunday Severe Weather
04/01/17	Correction: NWS Houston Saturday PM Forecast Update - Sunday Severe Weather
04/01/17	NWS Corpus Christi - Hydrologic Statement for the Rio Grande River at Columbia Bridge
04/02/17	NWS Houston/Galveston: Severe Weather Sunday update
04/02/17	Daily NWS Threat Brief for Sunday, April 2, 2017 for FEMA Region 6
04/02/17	NWS Austin/San Antonio: Preliminary Local Storm Report
04/02/17	NWS Shreveport, LA: Severe Weather and Flash Flooding Threat

# Informational Products

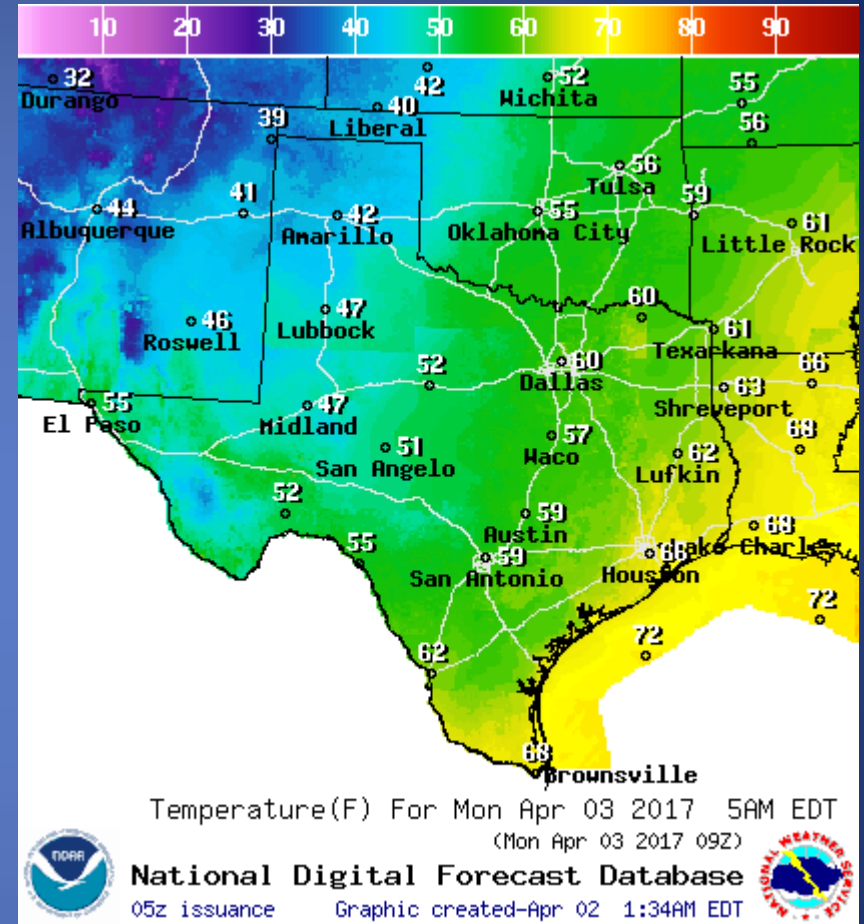
## Distributed by the State Operations Center

DATE	SUBJECT
04/02/17	NWS San Angelo: Preliminary Local Storm Report
04/02/17	NWS Lake Charles, LA: Online Weather Briefing - Significant Severe Weather and Flash Flooding Event Expected This Evening and Tonight

# Weather Forecast

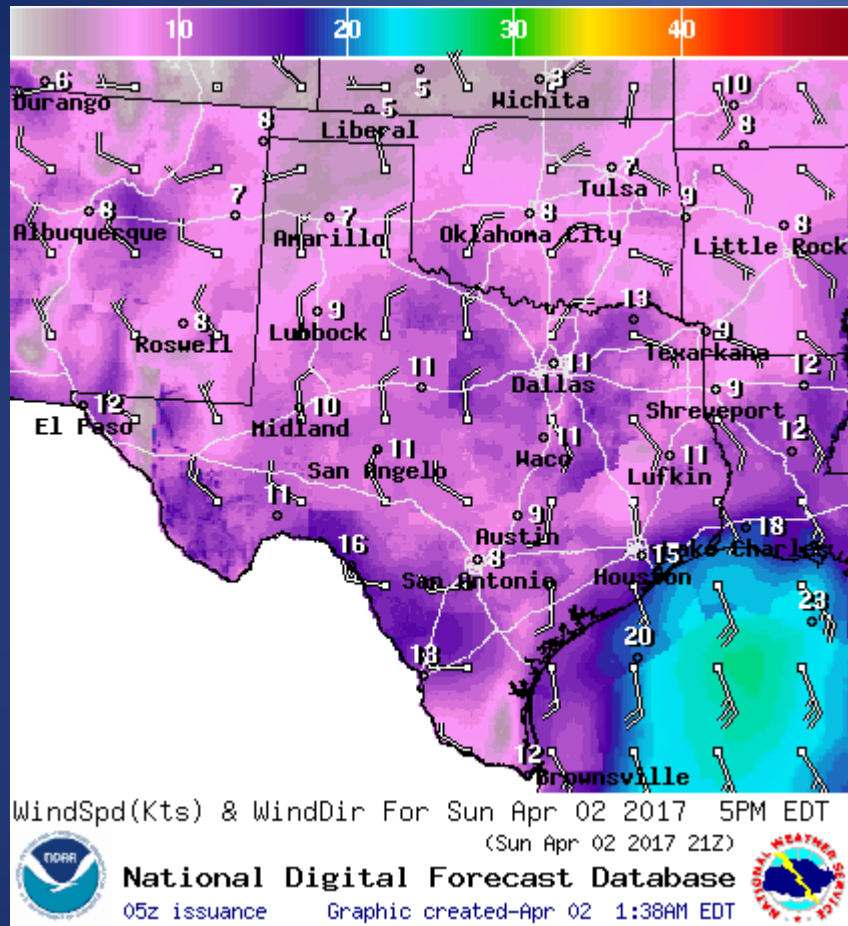


## Highs

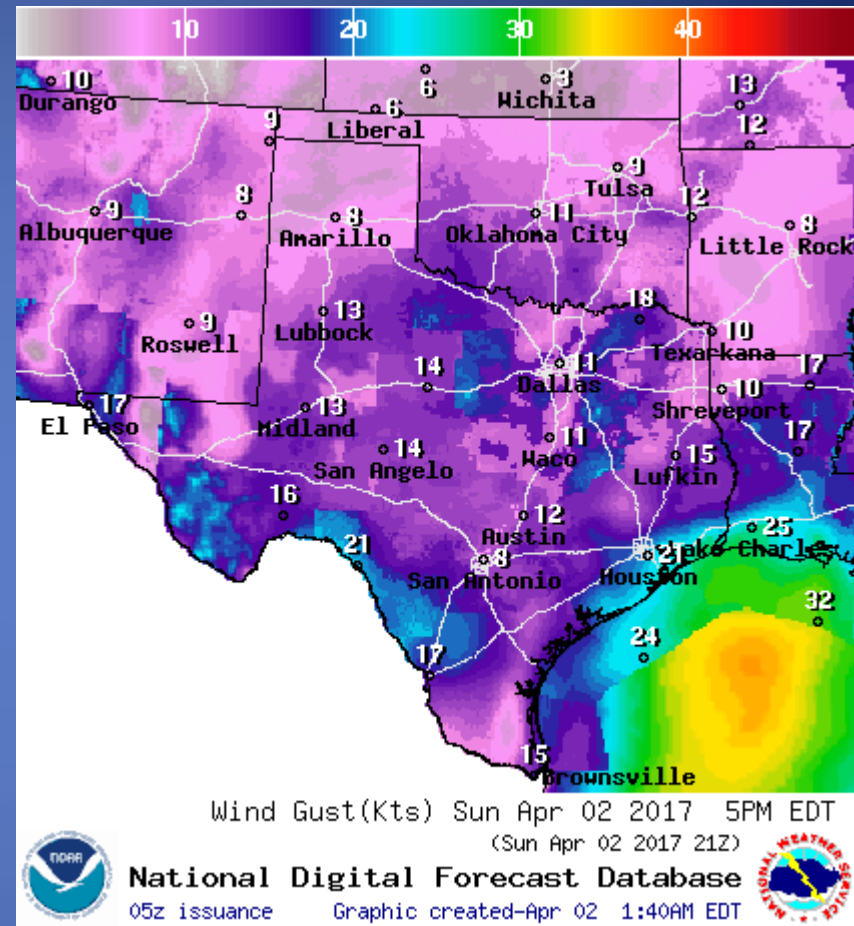


## Lows

# Weather Forecast



## Wind Speeds



## Gusts

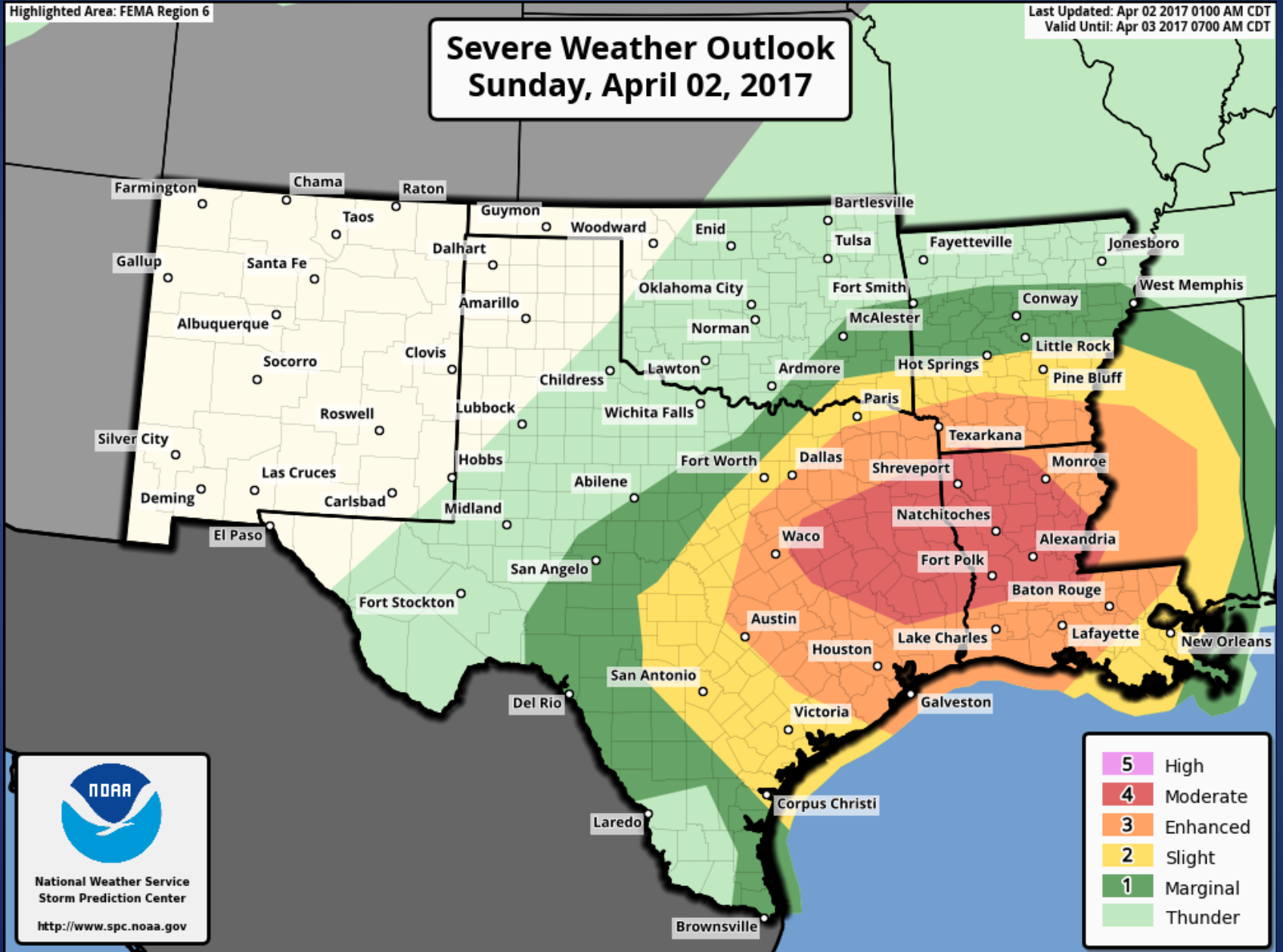


# Hazardous Weather

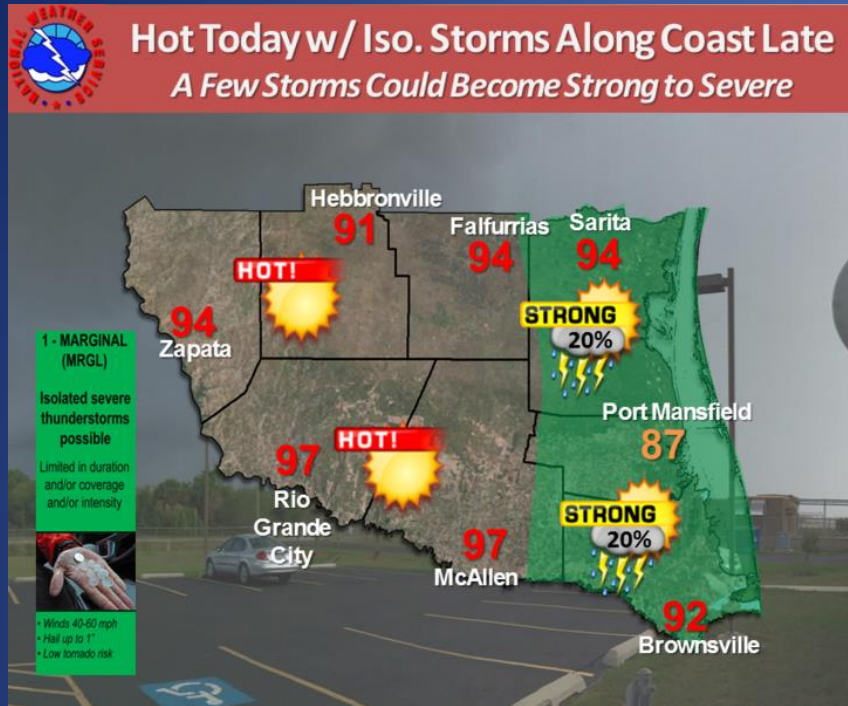
Highlighted Area: FEMA Region 6

Last Updated: Apr 02 2017 0100 AM CDT  
Valid Until: Apr 03 2017 0700 AM CDT

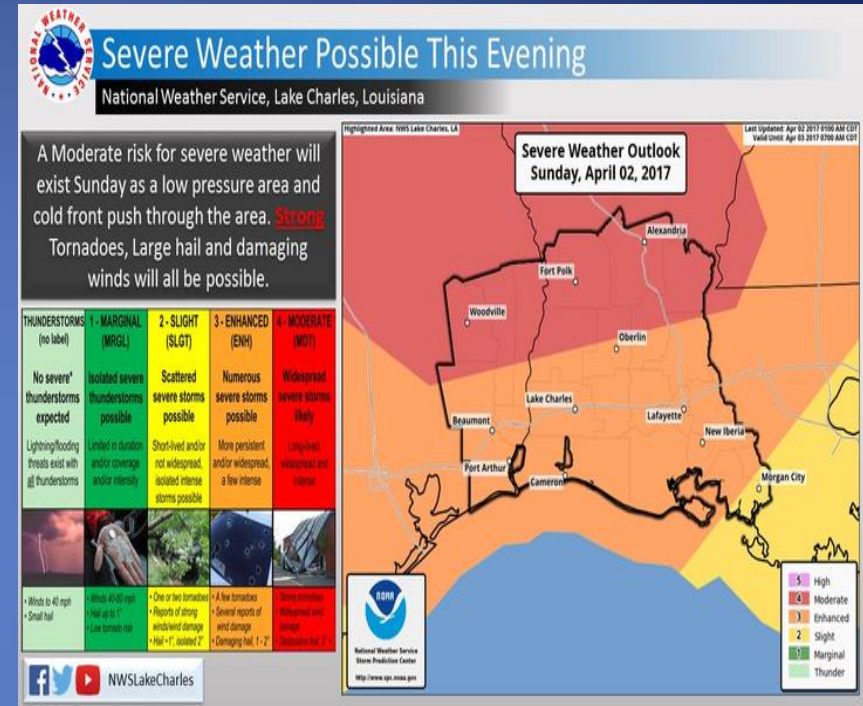
## Severe Weather Outlook Sunday, April 02, 2017



# Hazardous Weather



A hot day will be expected across Deep South Texas, especially across the western half of the region where clouds are expected to dissipate into the afternoon following the passage of a dryline boundary. For the eastern half of the area, mainly across the coastal counties, the potential exists for a few strong to severe thunderstorms in the late afternoon and evening. Any storms that are able to get going may produce winds of 40 to 60 mph and hail up to 1" in diameter. Mariners on the coastal waters can expect southeasterly winds of around 15 knots, a moderate chop on the bay and gulf seas of 3 to 5 feet. Showers and isolated storms may be possible late on the coastal waters as well.



A Moderate risk for severe weather will exist Sunday as a low pressure area and cold front push through the area. Strong Tornadoes, Large hail and damaging winds will all be possible.

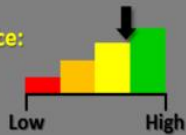


# Hazardous Weather

## Severe Weather Outlook for Sunday

National Weather Service Houston/Galveston

- Moderate Risk (red) of severe weather NE of College Station to Cleveland line.
- Enhanced Risk (orange) of severe weather.
- Primary Threats: Tornadoes, large hail, and damaging winds.
- Timing: mid Sunday morning through Sunday evening.
- Confidence:



f @NWSHouston weather.gov/houston

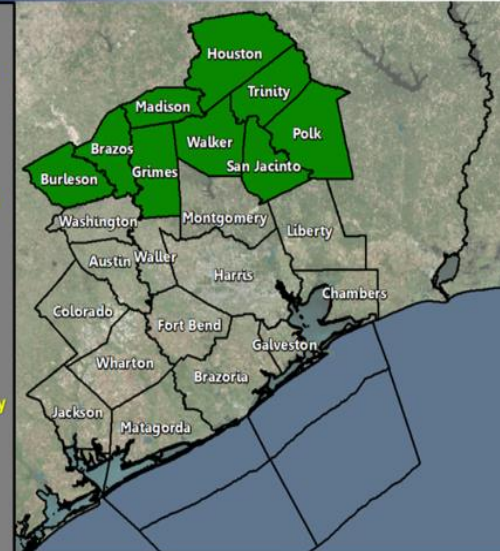
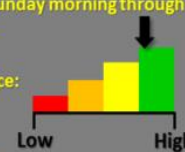
Image 4/2/2017  
Produced 4:42 AM

Hazardous weather likely Sunday.

## Flash Flood Watch until 7PM Sunday

National Weather Service Houston/Galveston

- There is also the potential for heavy rainfall across SE Texas on Sunday. A Flash Flood Watch is in effect until 7PM today (green area).
- Areas roughly north of a line from Brenham to Livingston will have the greatest potential for heavy rainfall, but anywhere in SE Texas could experience heavy rainfall/flash flooding.
- Isolated amounts in excess of 3 to 6 inches will be possible in the watch area.
- Timing: Sunday morning through Sunday evening.
- Confidence:



f @NWSHouston weather.gov/houston

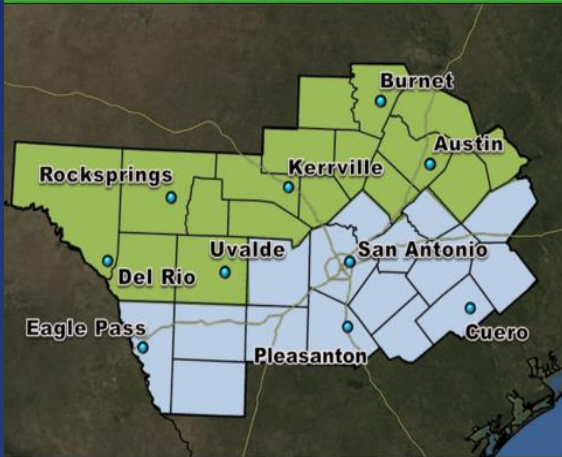
Image 4/2/2017  
Produced 4:42 AM

Heavy rainfall possible Sunday in addition to severe weather.

# Hazardous Weather

## Flash Flood Watch

Continues Through 4 PM Sunday for Counties in Green



- A Flash Flood Watch means heavy rainfall may lead to Flash Flooding.
- Flash Flooding is a very dangerous situation.
- Monitor later forecasts and be prepared to take action should Flash Flood Warnings be issued.
- **Remember: TURN AROUND, DON'T DROWN.**



Rainfall amounts of 1-3 inches with isolated totals up to 5 inches are possible.

YouTube f @NWSSanAntonio  
weather.gov/ewx

A Flash Flood Watch has been issued for parts of the Rio Grande Plains, Hill Country, and Austin Metro Area. Rainfall amounts of 1 to 3 inches are possible with isolated totals up to 5 inches. The city of Del Rio has seen over 4 inches of rainfall in less than 4 hours as of 4am.

## Tornado Watch

Valid Until  
1:00 PM CDT Sunday  
April 2, 2017

### Threat Information



#### TORNADOES

A few Tornadoes  
Likely



#### HAIL

Scattered Hail Up To  
Tennis Ball Size Possible



#### WIND

Scattered Gusts  
Up To 75 MPH Possible

### Potential Exposure



Population: 7,475,325  
Schools: 2178  
Hospitals: 138



Tornado Watch until 1 PM for areas along and east of Highway 83.

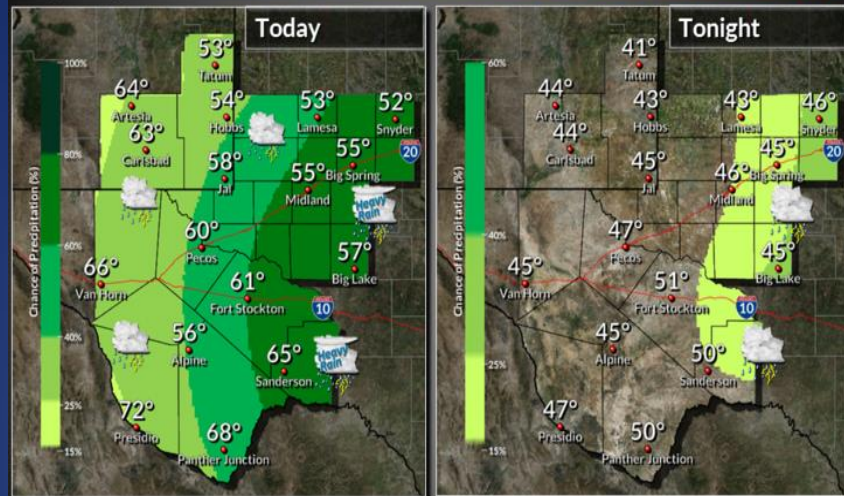


# Hazardous Weather

## Thunderstorm Chances & Temps

Today & Tonight...

Weather Forecast Office  
Midland/Odessa, TX  
Issued April 2, 2017 3:38 AM CT



Storm chances continue through this afternoon. Brief heavy rainfall & **localized flash flooding** remain possible. Cloud cover & rain will help keep highs cool.

Rain chances begin to shift east this evening with low temperatures dropping into the 40s by early Monday morning.

f t W NWWSMidland

weather.gov/maf

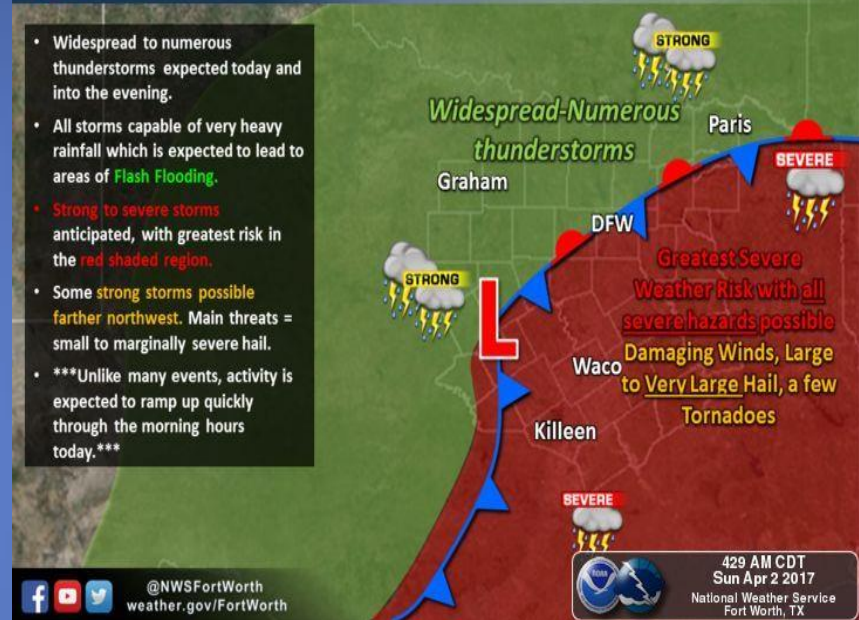
Thunderstorm chances will continue across the area today, with the best chances remaining across the east. Brief heavy rainfall could lead to areas of localized flash flooding through the morning hours. Cloud cover and rain will help keep temperatures cool today with highs only expected to reach the 50s and 60s for most areas. Thunderstorms chances will shift east this evening and low temperatures will drop into the 40s by early Monday morning.



## Sunday: Widespread strong to severe thunderstorms

National Weather Service Fort Worth

- Widespread to numerous thunderstorms expected today and into the evening.
- All storms capable of very heavy rainfall which is expected to lead to areas of **Flash Flooding**.
- Strong to severe storms** anticipated, with greatest risk in the **red shaded region**.
- Some strong storms possible farther northwest. Main threats = small to marginally severe hail.
- \*\*\*Unlike many events, activity is expected to ramp up quickly through the morning hours today.\*\*\*



A potent storm system will really make its presence felt on Sunday across our region. Widespread thunderstorms are expected on Sunday, some of which are expected to become severe as early as Sunday morning. The main severe weather threat at this time appears to be focused roughly south and east of a Comanche to Fort Worth to Sulphur Springs line where all severe weather threats are possible, including some very large hail and a few tornadoes. Farther to the northwest, most activity is expected to be elevated, meaning the main risk will be small to perhaps marginally severe hail. All storms will carry a risk for heavy rainfall, and some localized flash flooding is possible.

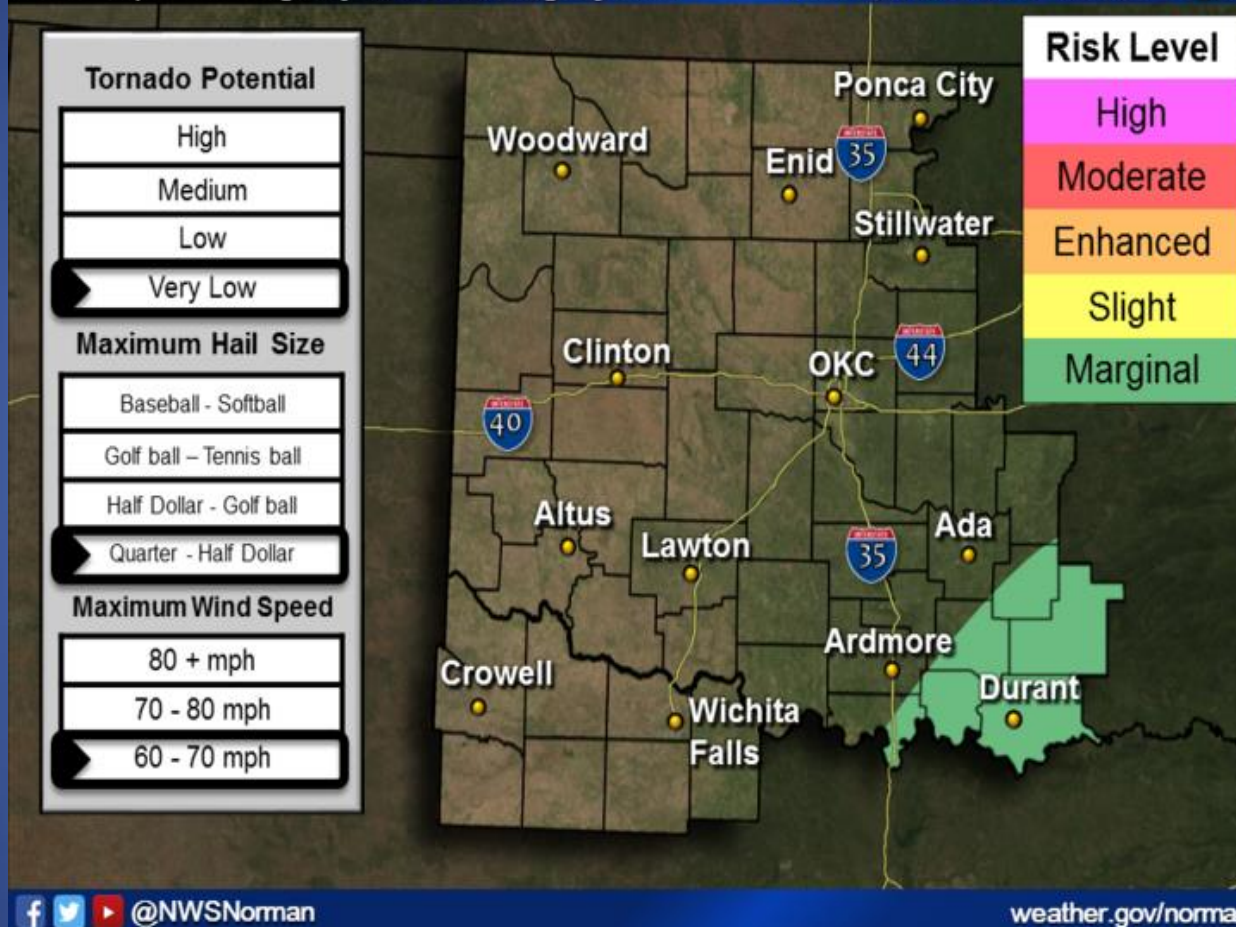
# Hazardous Weather

## Severe Storms Possible Sunday

Storms capable of marginally severe hail and gusty winds

Weather Forecast Office  
Norman, OK

Issued April 2, 2017 3:04 AM CDT



There is a risk of severe storms across portions of south central and southeast Oklahoma and north central Texas on Sunday.

# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
04/01/17	Severe Thunderstorm Warning	Brewster, Brown, Coke, Coleman, Comanche, Fisher, Mitchell, Nolan, Pecos, Runnels, Terrell, Tom Greene and Val Verde Counties
04/01/17	Flash Flood Warning	Brown, Coleman, and Runnels County
04/01/17	Tornado Warning	Coleman and Runnels Counties
04/01/17	Arroyo and Small Stream Flood Advisory	Coke and Runnels Counties
04/01/17	Urban and Small Stream Flood Advisory	Brewster, Brown, Coleman, Concho, Pecos, Runnels, Terrell and Tom Greene Counties
04/01/17	Flood Advisory for Minor Flooding in Poor Drainage Areas	Eastland, Stephens and Young Counties
04/01/17	Tornado Watch	Bandera, Edwards, Gillespie, Kerr, Kimble, Kinney, Mason, Medina, Sutton, Real, Uvalde and Val Verde Counties



# Weather Warning/Advisories Issued

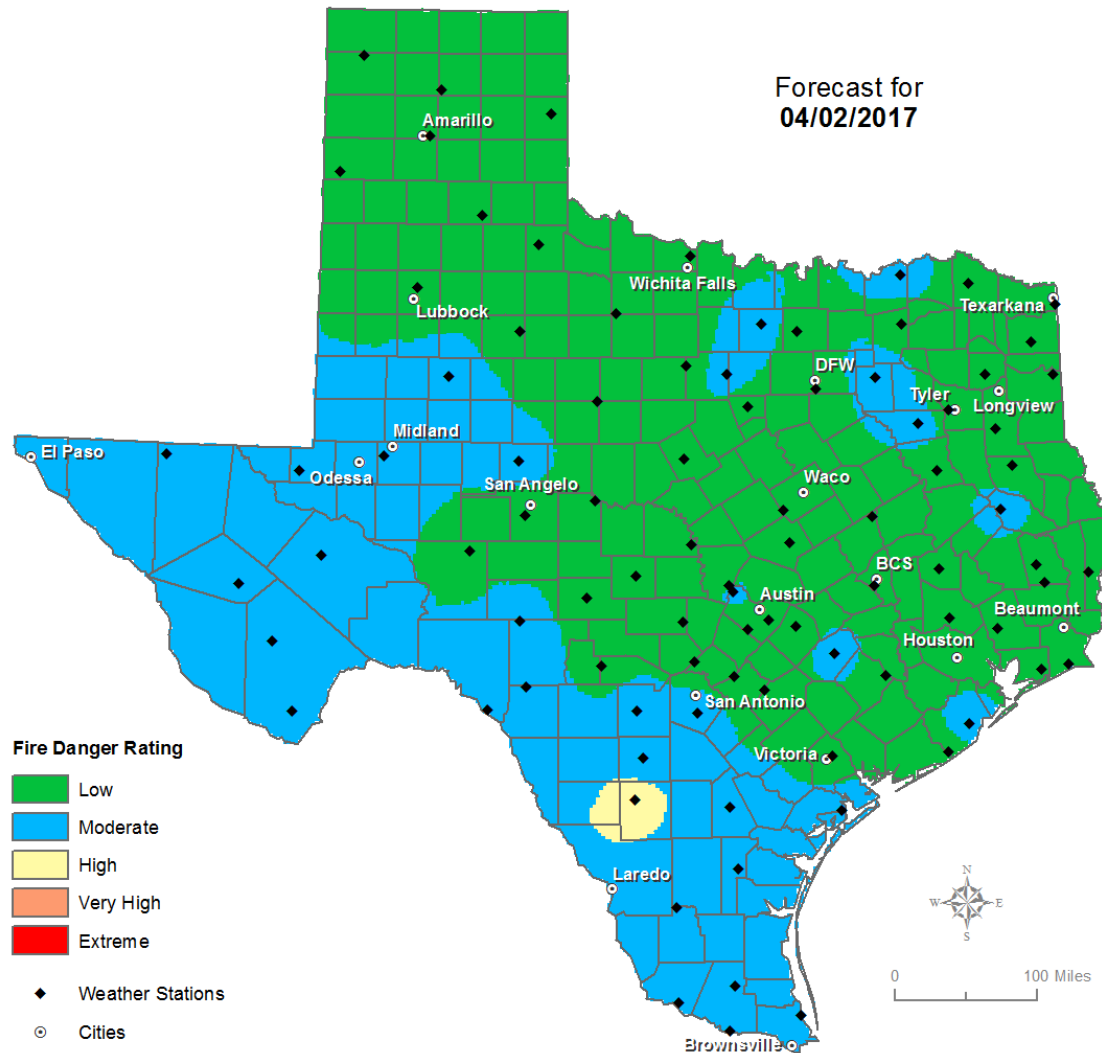
DATE	WARNING TYPE	LOCATION
04/02/17	Severe Thunderstorm Warning	Anderson, Bandera, Bell, Bexar, Comal, Coryell, Denton, Dimmit, Edwards, Freestone, Frio, Gillespie, Henderson, Houston, Kendall, Kerr, Kinney, Lampasas, Leon, Madison, Maverick, McLennan, Medina, Montgomery, Navarro, Polk, Real, San Jacinto, Sutton, Tarrant, Trinity, Val Verde, Uvalde, Walker and Zavala
04/02/17	Flash Flood Warning	Edwards, Kinney, Real, Val Verde
04/02/17	Flood Warning	Val Verde, and Webb Counties
04/02/17	Flood Advisory	Bell, Coryell, Crane, Glasscock, Harris, Howard, Grimes, Midland, Mitchell, Montgomery, Pecos, Reagan, Upton, Waller, and Walker Counties
04/02/17	Tornado Warning	Bandera, Blanco, Comal, Edwards, Grimes, Harris, Kendall, Kerr, Kinney, Montgomery, Polk, Real, San Jacinto, Trinity, Waller and Walker Counties
04/02/17	Small Stream Flood Advisory	Bosque, Coleman, Hill, Johnson, Sutton
04/02/17	Urban and Small Stream Flood Advisory	Erath, Edwards, Hamilton, Hood, Johnson, Kerr, Kinney, Maverick, Parker, Somervell, Tarrant, Uvalde, Val Verde

# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
04/02/17	Coastal Flood Advisory	Aransas, Calhoun, Jefferson, Kleberg and Nueces Counties
04/02/17	Tornado Watch	Anderson, Atascosa, Bandera, Bastrop, Bell, Bexar, Blanco, Brazos, Burleson, Burnet, Caldwell, Comal, Coryell, De Witt, Ellis, Falls, Fayette, Freestone, Frio, Gillespie, Gonzales, Grimes, Guadalupe, Hays, Henderson, Hill, Houston, Karnes, Kaufman, Kendall, Kerr, Lampasas, Lavaca, Lee, Leon, Limestone, Llano, Madison, McLennan, Medina, Milam, Montgomery, Navarro, Polk, Rains, Real, Robertson San Jacinto, Travis, Trinity, Uvalde, Van Zandt, Walker, Washington, Williamson, Wilson and Zavala Counties
04/02/17	Tornado Warning Remains in Effect	Kendall, San Jacinto, and Walker Counties
04/02/17	Severe Thunderstorm Warning Remains in Effect	Anderson, Bandera, Freestone, Gillespie, Kendall, Kerr, and Leon Counties
04/02/17	Tornado Watch Remains in Effect	Brazos and Medina Counties

# Fire Danger Forecast

## Forecast Fire Danger



# Burn Bans and KBDI INDEX

## OUTDOOR BURN BANS

March 31, 2017



Counties without Established Burn Bans  
Counties with Established Burn Bans

Email updates to:  
[burnban@tfs.tamu.edu](mailto:burnban@tfs.tamu.edu)

### Counties with Burn Bans: 78

Armstrong  
Bailey  
Baylor\*  
Bexar  
Brewster\*  
Brooks  
Callahan  
Carson  
Castro  
Childress  
Cochran  
Coleman  
Collingsworth  
Comanche  
Concho  
Crockett  
Crosby  
Culberson  
Dallam  
Dickens  
Dimmit  
Donley\*  
Duval  
Eastland  
Edwards  
El Paso  
Fisher  
Frio  
Garza  
Glasscock  
Gray  
Hall  
Hartley  
Hockley  
Hudspeth  
Hutchinson  
Jack  
Jeff Davis  
Jim Hogg  
Johnson\*  
Jones  
Lamb  
Lipscomb  
Martin  
McCulloch  
Menard  
Moore  
Ochiltree  
Oldham

### DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

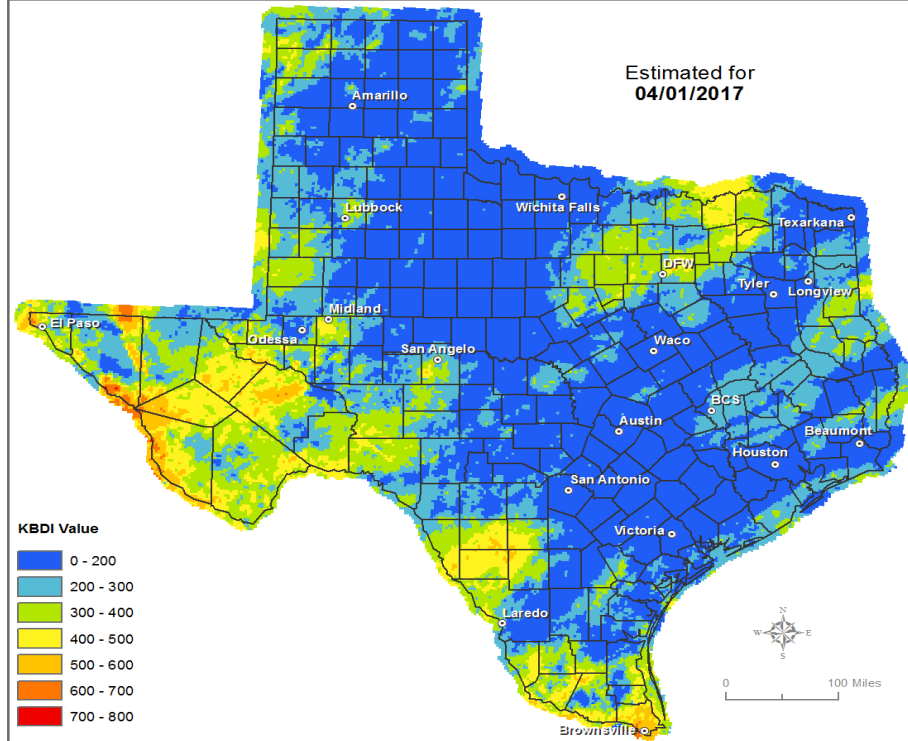
For More Information Please Contact Your  
Local County Judge's Office or County Website

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)  
Burn Ban RSS feed available at <http://tfsfrp.tamu.edu/wildfires/BurnBan.xml>

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
04/01/2017



TEXAS A&M  
AGRI LIFE  
RESEARCH

Produced by TAMU Spatial Sciences Laboratory  
in partnership with Texas A&M Forest Service

TEXAS A&M  
FOREST SERVICE

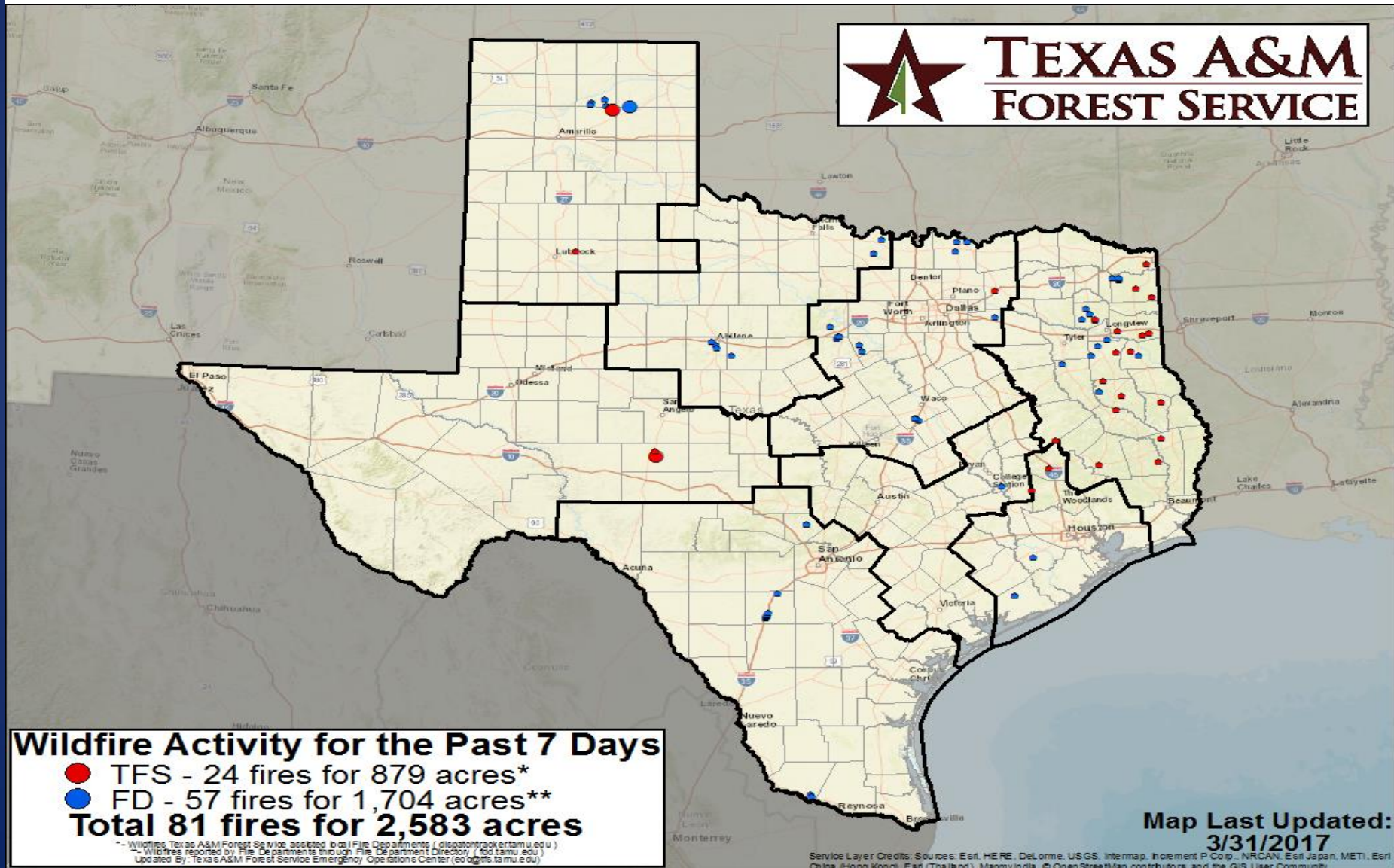
# Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
04/02/17	Fire Danger Statement	Webb County



# Fire Activity (\*Last 24 Hours)

Reports 411 (no change) fires and 627,426 (no change) acres destroyed this year. There are 78 (no change) counties with burn bans. The Keetch-Byram Drought Index list 7 (+2) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
03/31/17	04/02/17	Intermediate Incident Command System for Expanding Incidents	G-300	Fort Sam Houston
04/01/17	04/02/17	Search and Rescue in Community Disasters	PER-334	Trenton

# Statewide Significant Events

DATE(S)		LOCATION	EVENT
03/31/17	04/09/17	Conroe	Montgomery County Fair and Rodeo